

Under the Paperwork Reduction Act of 1994, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<div>UTILITY PATENT APPLICATION TRANSMITTAL</div> <div>(Only for new nonprovisional applications under 37 CFR 1.53(b))</div>		<div>Attorney Docket No.: 2003_1514A</div> <div>First Named Inventor : Hideki NAKAHARA et al.</div> <div>Title: PHASE ERROR CORRECTION CIRCUIT AND RECEIVER INCORPORATING THE SAME</div> <div>Express Mail Label No.:</div>	
<div>APPLICATION ELEMENTS</div> <div>See MPEP chapter 600 concerning utility patent application contents.</div> <div><div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</div><div>2. <input type="checkbox"/> Small Entity Status is hereby asserted.</div><div>3. <input checked="" type="checkbox"/> Specification [Total Pages: 87] (preferred arrangement set forth below)<ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Sequence Listing, a table, or a computer program listing appendix.</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></div><div>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets: 36]</div><div>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages : 3]<ul style="list-style-type: none"><li>a.1. <input checked="" type="checkbox"/> Newly executed (original or copy)</li><li>a.2. <input type="checkbox"/> Unexecuted</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)</li><li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></div><div>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR 1.76)</div></div> <div><div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or computer program (Appendix)</div><div>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Form</li><li>b. Specification Sequence Listing on:<ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> Paper</li></ul></li><li>c. <input type="checkbox"/> The paper and computer readable copies are identical</li></ul></div></div>		<div>Commissioner for Patents ADDRESS TO: P.O. Box 1450 Alexandria, VA 22313-1450</div> <div>ACCOMPANYING APPLICATION PARTS</div> <div><div>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</div><div>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)<ul style="list-style-type: none"><li><input type="checkbox"/> Power of Attorney</li></ul></div><div>11. <input type="checkbox"/> English Translation Document (if applicable)</div><div>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Copies of IDS Citations</li></ul></div><div>13. <input type="checkbox"/> Preliminary Amendment</div><div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</div><div>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</div><div>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</div><div>17. <input type="checkbox"/> Other</div></div>	
<div>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet : <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.  Prior Application Information: Examiner Group Art Unit</div> <div>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Bo 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</div>			
<div>19. CORRESPONDENCE ADDRESS</div> <div>CUSTOMER NO. 000513</div>		<div>By: <u>Charles R. Watts</u> Charles R. Watts Registration No. 33,142  WENDEROTH, LIND &amp; PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250  October 23, 2003</div>	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Hideki NAKAHARA et al. :  
Serial No. NEW : Attn: APPLICATION BRANCH  
Filed October 23, 2003 : Attorney Docket No. 2003\_1514A

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

PHASE ERROR CORRECTION CIRCUIT AND  
RECEIVER INCORPORATING THE SAME

**PATENT OFFICE FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$896.00 to cover Patent Office fees relating to filing the following attached papers:

New application ..... \$770.00  
Assignment for Recordal ..... \$ 40.00  
Additional Claims Fee:  
Excess of Twenty ..... \$  
Independent ..... \$ 86.00  
Multiple Dependent Fee ..... \$

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Hideki NAKAHARA et al.

By Charles R. Watts  
Charles R. Watts  
Registration No. 33,142  
Attorney for Applicants

CRW/asd  
WENDEROTH, LIND & PONACK, L.L.P.  
2033 K St., N.W., Suite 800  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
October 23, 2003

[Check No. 58349]  
2003\_1514A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hideki NAKAHARA et al.

Serial No. NEW

Filed October 23, 2003

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

: **Attn: APPLICATION BRANCH**

: Attorney Docket No. 2003\_1514A

PHASE ERROR CORRECTION CIRCUIT AND  
RECEIVER INCORPORATING THE SAME

**PATENT OFFICE FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$896.00 to cover Patent Office fees relating to filing the following attached papers:

New application ..... \$770.00

Assignment for Recordal ..... \$ 40.00

Additional Claims Fee:

Excess of Twenty ..... \$

Independent ..... \$ 86.00

Multiple Dependent Fee ..... \$

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Hideki NAKAHARA et al.

By Charles R. Watts  
Charles R. Watts  
Registration No. 33,142  
Attorney for Applicants

CRW/asd  
WENDEROTH, LIND & PONACK, L.L.P.  
2033 K St., N.W., Suite 800  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
October 23, 2003

[Check No. 58349]  
2003\_1514A